# TECHNICAL DATA SHEET

# **OUTBOARD TWO STROKE**



### **DESCRIPTION**

Outboard Two Stroke Oil is a high performance synthetic ashless engine oil for use in most water-cooled two stroke outboard motors. This product is formulated for use in oil injected and pre-mix systems. It is approved by the National Manufacturers Association (NMMA) for service TC-W3.

Blending Guide: To make a 50:1 pre-mix (as used by most outboard engines) add 100 mls of Premium Outboard Oil to 5 litres of petrol. Refer to manufacturer recommendation for correct pre mix ratio.

# **SUMMARY OF BENEFITS**

- Suitable for TC-W3 and TC-W2 requirements
- Ashless formulation for superior piston, port and plug cleanliness
- Self-mixing with leaded and unleaded petrol
- Formulated using synthetic and conventional mineral oils to give excellent protection against engine wear
- Gel resistant formulation reduces the likelihood of fuel filter or oil filter blockage and subsequent engine damage

## **SPECIFICATIONS**

- NMMA TC-W3
- CERTIFICATION NO. S-81020

MEETS THE WARRANTY REQUIREMENTS
OF: MERCURY, JOHNSON, EVINRUDE,
YAMAHA, MARINER, FORCE, SUZUKI,
TOHATSU AND ANY OTHER ENGINE
REQUIRING TC-W3 PERFORMANCE.

## **SUITABLE FOR**



OUTBOARD TWO STROKE	TEST METHOD	UNITS	RESULTS
DENSITY @ 15°C	ASTM D1298	kg/L	0.89
KINEMATIC VISCOSITY			
@ 40°C	ASTM D445	cSt	48
@ 100°C	ASTM D445	cSt	7.3
TBN	ASTM D2896	mgKOH/g	-
FLASH POINT (COC)	ASTM D92	°(	88
COLOUR	-	-	Blue

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

### STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

#### **AVAILABLE PACK SIZES**

IBC - #30082B, 205LT - #30082, 20LT - #32082, 4LT - #30482, 1LT - #30182

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